

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

**BIFUNCTIONAL MACROLIDE HETEROCYCLIC COMPOUNDS AND METHODS  
OF MAKING AND USING THE SAME**

the specification of which was filed on October 29, 2004 as a PCT Application designating the United States, and was assigned PCT/US2004/36146. A United States National Phase Application was filed on May 1, 2006 as 10/577,903 and bearing Attorney Docket No. 26505-502 NATL.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| Application No.<br>(U.S.S.N.) | Filing Date<br>(mm/dd/yy) | Status<br>(Patented, Pending, Abandoned) |
|-------------------------------|---------------------------|--|
|                               |                           |  |
|                               |                           |  |

PCT International Applications designating the United States:

| PCT Appln No.    | PCT Filing Date | Status   |
|------------------|-----------------|----------|
| PCT/US2004/36146 | 29 October 2004 | National |

I hereby appoint the attorneys and/or agents associated with Customer No. 30623 and Anthony D. Sabatelli, Reg. No. 34,714 of Rib-X Pharmaceuticals, Inc., 300 George Street, Suite 301, New Haven, CT 06511, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all telephone calls to Ivor R. Elrifi, Esq. at telephone number 617/348-1747.  
Please address all correspondence to

**Customer No. 30623**

Ivor Elrifi, Esq.  
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.  
One Financial Center  
Boston, Massachusetts 02111

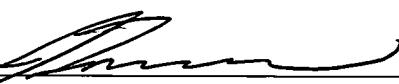
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

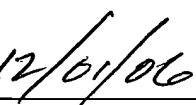
---

**Inventor's Signature: Adegboyega K. Oyelere**  
Full Name of Inventor: Adegboyega K. Oyelere  
Citizenship: Nigeria  
Residence: 1486 Soaring Pointe, Marietta, GA 30062  
Post Office Address: Same

Date

---

  
**Inventor's Signature: Jay J. Farmer**  
Full Name of Inventor: Jay J. Farmer  
Citizenship: United States of America  
Residence: 1517 Caywood Road, Lodi, NY 14860  
Post Office Address: Same

  
Date

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

**BIFUNCTIONAL MACROLIDE HETEROCYCLIC COMPOUNDS AND METHODS  
OF MAKING AND USING THE SAME**

the specification of which was filed on October 29, 2004 as a PCT Application designating the United States, and was assigned PCT/US2004/36146. A United States National Phase Application was filed on May 1, 2006 as 10/577,903 and bearing Attorney Docket No. 26505-502 NATL.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| Application No.<br>(U.S.S.N.) | Filing Date<br>(mm/dd/yy) | Status<br>(Patented, Pending, Abandoned) |
|-------------------------------|---------------------------|--|
|                               |                           |  |
|                               |                           |  |

PCT International Applications designating the United States:

| PCT Appln No.    | PCT Filing Date | Status   |
|------------------|-----------------|----------|
| PCT/US2004/36146 | 29 October 2004 | National |

I hereby appoint the attorneys and/or agents associated with Customer No. 30623 and Anthony D. Sabatelli, Reg. No. 34,714 of Rib-X Pharmaceuticals, Inc., 300 George Street, Suite 301, New Haven, CT 06511, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all telephone calls to Ivor R. Elrifi, Esq. at telephone number 617/348-1747.  
Please address all correspondence to

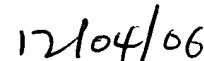
**Customer No. 30623**

Ivor Elrifi, Esq.  
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.  
One Financial Center  
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.



**Inventor's Signature: Adegboyega K. Oyelere**  
Full Name of Inventor: Adegboyega K. Oyelere  
Citizenship: Nigeria  
Residence: 1486 Soaring Pointe, Marietta, GA 30062  
Post Office Address: Same

  
12/04/06

Date

---

**Inventor's Signature: Jay J. Farmer**  
Full Name of Inventor: Jay J. Farmer  
Citizenship: United States of America  
Residence: 1517 Caywood Road, Lodi, NY 14860  
Post Office Address: Same

---

Date